Lake 1 Transect

Date: 10/07/86

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 1. A wooden square measuring two feet on each side was used as a plot. Nineteen plots were randomly located from north to south. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	6	0.3
Sawgrass	53	2.65
Foxtail	38	1.9
Millet	202	10.10
Flat Sedge	1	.05
Needle Rush	238	11.9
Eleocharis sp	28	1.4

The water depth ranged from 0 to thirty inches.

Lake 2 Transect

Date: 11/14/86

Method

A transect, marked by a metal pole at each end, was established on the north side of Lake 2. A wooden square measuring two feet on each side was used as a plot. Sixteen plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	17	1.06
Smartweed	3	.18
Marsh Mallow	6	.38
Sawgrass	3	.23

The water depth was thirty-six inches.

Lake 3 Transect

Date: 11/14/86

Method

A transect, marked by a metal pole at each end, was established on the north side of Lake 3. A wooden square measuring two feet on each side was used as a plot. Thirteen plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Sea Parslane	9	.69
Millet	9	.69
Smartweed	3	.23
Arrowhead	10	.77
Sawgrass	3	.23
Foxtail	11	.85
Love Grass	1	.07
Soft Rush	3	.23

The water depth ranged from three inches to 18 inches.

Lake 4 Transect

Date: 10/07/86

Method

A transect, marked by a metal pole on each end, was established on the north side of Lake 4. A wooden square measuring two feet on each side was used as a plot. Fourty-five plots were randomly located from north to south. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	134	2.98
Sawgrass	92	1.38
Smartweed	75	1.66
Water lily	58	1.28
Bladderwort	17	.38
Chara sp	1	.02
Millet	6	.13
Pigweed	1	.02
Arrowhead	1	.02

The water depth ranged from thirty inches to thirty-six inches.